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# Environmental Testing Chamber

David Edward Brewer

*Indiana University - Purdue University Fort Wayne*

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## ENVIRONMENTAL TESTING CHAMBER

Prepared for: Professor Donald J. McAleece  
Department of Mechanical Engineering Technology  
Indiana University-Purdue University at Fort Wayne

Submitted for: MET 497, Senior Project Survey

Submitted by: David Edward Brewer

Date: April 13, 1983

### ABSTRACT

This report describes the design, fabrication and testing of a testing chamber which duplicate environmental conditions at which production plastic packaging material is used, and is designed to interface with the Instron Model 1122 Testing Instrument. The chamber enables the Instron Testing Instrument to make a tensile pull on packaging material according to ASTM standards, and keep all sensitive mechanical and electrical parts of the Instron out of the harsh simulated packaging room environment (i.e.: crosshead drive train, load cells, etc.)

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